

*Operation Manual for  
Degaussing Wand*



**Bartington**<sup>®</sup>  
Instruments

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## 1. About this Manual

This document describes the operation and maintenance of the Bartington Instruments Degaussing Wand. It should be read in conjunction with the product brochure [DS2914](#), which can be found on the degaussing wand product page of the Bartington Instruments website at [www.bartington.com](http://www.bartington.com).

### 1.1. Symbols Glossary

The following symbols used within this manual call your attention to specific types of information:



**WARNING:** Indicates a situation in which serious bodily injury or death could result if the warning is ignored.



**Caution:** Indicates a situation in which bodily injury or damage to your instrument, or both, could result if the caution is ignored.



This symbol means that the appliance is double insulated.



This symbol indicates that the product is classed as electrical or electronic equipment within the meaning of the Waste Electrical and Electronic Equipment (WEEE) Directive 2002 / 96 / EC and must not be disposed of in domestic household waste.

**Note:** Provides useful supporting information on how to make better use of your purchase.

## 2. Safe Use



**WARNING:** These products are not qualified for use in explosive atmospheres or life support systems. Consult Bartington Instruments for advice.



**WARNING:** This equipment is powered by mains electricity. It should not be used in wet or damp locations, where water may enter the unit and create a safety hazard.

## 3. Introduction to the Degaussing Wand

The Bartington Instruments Degaussing Wand is supplied for use with the Bartington Instruments Magnetic Shield, and is used for the removal of accumulated magnetic fields.

#### *4. Operating the Degaussing Wand with the Bartington Instruments Magnetic Shield*

1. Ensure the supply voltage is correct. (Users with a 110V power supply will need to use a 220V converter of at least 300W.)
2. Insert the wand fully into the chamber of the Magnetic Shield before switching on the power. To switch on, press and hold the push button power switch. When the wand is powered on the red LED will light up.
3. Slowly withdraw the wand from the chamber whilst maintaining a circular motion to cover the chamber's inside, taking about 20 seconds for the whole operation.
4. Switch off when removed to a distance of at least one metre.
5. Allow the Degaussing Wand to cool for 30 minutes before using again. If the wand gets too warm then a resettable thermal fuse will open to protect operator and instrument. One hour should be allowed before reusing.
6. Several repetitions of this process may be required to achieve the lowest possible remanent magnetic field.

#### *5. Operating the Degaussing Wand with Other Instruments*

1. Ensure the supply voltage is correct. (Users with a 110V power supply will need to use a 220V converter of at least 300W.)
2. Press and hold the push button power switch with the wand removed away from the item to be degaussed. With the power on, hold the wand close to the item.
3. Move the wand with a circular motion over the instrument to be degaussed, starting at the centre and expanding outwards as you move the wand away.
4. Switch off when removed to a distance of at least one metre.
5. Allow the Degaussing Wand to cool for 30 minutes before using again. If the wand gets too warm then a resettable thermal fuse will open to protect operator and instrument. One hour should be allowed before reusing.
6. Several repetitions of this process may be required to achieve the lowest possible remanent magnetic field.

## 6. Troubleshooting, Service and Maintenance

Servicing of the Degaussing Wand is only possible by Bartington Instruments.

The Degaussing Wand is unlikely to suffer any defects in normal use. In case of a fault the instrument must be returned to Bartington Instruments for servicing. Please email [service@bartington.com](mailto:service@bartington.com) or telephone the Bartington Instruments service team on +44 (0)1993 706565.

**Note:** The power cord is safety approved and rated for operation at 250V AC or greater.



**Note:** This appliance is double insulated and has been designed in such a way that it does not require a safety connection to electrical earth (ground).



**Caution:** Use only the power cord supplied.



**Caution:** The power cord is intended for use with this product only. It should never be used with any other product.



**Caution:** Always route the power cords so that they will not be walked on, tripped over, or pinched by objects.



**Caution:** Always connect the power cord into the Degaussing Wand before connecting the cord to the mains supply, and ensure that all power cord connectors are securely and completely plugged into the inlet on the Degaussing Wand.



**Caution:** Do not use any power cords where the electrical contacts on either end show signs of corrosion or overheating or where the power cord appears to have been damaged in any way.

## 7. Waste Electrical and Electronic Equipment (WEEE) Regulations

The Bartington Instruments Degaussing Wand complies fully with Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) and WEEE Regulations current at the time of printing.

### 7.1. End of Life Disposal



This product should not be disposed of in domestic or municipal waste. For information about disposing of your Degaussing Wand safely, check local regulations for disposal of electrical / electronic products.

*Notes*



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